

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claim 1 (Currently Amended): A flame retardant molding composition substantially free of halogen, phosphorous and antimony, comprising:

an epoxy resin;
melamine cyanurate; and
a transition metal oxide ~~containing an oxyanion~~ of a Group VIA element.

Claim 2 (Original): The molding composition of claim 1, wherein the transition metal oxide is tungsten oxide.

Claim 3 (Previously Presented): The molding composition of claim 2, wherein the tungsten oxide is tungsten trioxide.

Claim 4 (Original): The molding composition of claim 1, further comprising a phenolic novolac hardener.

Claim 5 (Original): The molding composition of claim 4, wherein the amount of the phenolic novolac hardener ranges from about 1.5 weight % to about 10 weight % based on the total weight of the molding composition.

Claim 6 (Original): The molding composition of claim 1, wherein the epoxy resin comprises an epoxy cresol novolac resin.

Claim 7 (Previously Presented): The molding composition of claim 1, wherein the epoxy resin comprises a biphenyl epoxy resin.

Claim 8 (Original): The molding composition of claim 1, wherein the melamine cyanurate is present in an amount of from about 0.1 to about 3.5 percent by weight of the molding composition and the transition metal oxide is present in an amount from about 0.1 to about 2 percent by weight of the molding composition.

Claim 9 (Original): The molding composition of claim 1, wherein the amount of the epoxy resin ranges from about 4 weight % to about 12 weight % based on the total weight of the molding composition.

Claim 10 (Previously Presented): The molding composition of claim 9, wherein the amount of the epoxy resin ranges from about 5.5 weight % to about 8.5 weight % based on the total weight of the molding composition.

Claim 11 (Original): The molding composition of claim 1, further comprising a bulk amount of a filler material.

Claim 12 (Currently Amended): A flame-retardant molding composition substantially free of elemental halogen, phosphorous and antimony, comprising:

about 4 weight % to about 12 weight %, based on the total weight of the composition of an epoxy resin;

about 0.1 weight % to about 3.5 weight %, based on the total weight of the composition of melamine cyanurate;

about 0.1 weight % to about 2 weight %, based on the total weight of the composition of tungsten trioxide;

about 0.001 weight % to about 10 weight %, based on the total weight of the composition of a phenolic hardener; and

about 10 weight % to about 85 weight %, based on the total weight of the composition of a filler material.

Claim 13 (Original): The molding composition of claim 12, further comprising from about 0.1 weight % to about 10 weight %, based on the total weight of the composition, of

one or more additives selected from the group consisting of colorants, mold release agents, coupling agents, catalysts, ion scavengers, metal oxides, metal hydroxides, pigments, adhesion promoters, toughening agents, UV absorbers, and antioxidants.

Claim 14 (Original): The molding composition of claim 12, wherein the epoxy resin comprises an epoxy cresol novolac resin.

Claim 15 (Previously Presented): The molding composition of claim 12, wherein the epoxy resin comprises a biphenyl epoxy resin.

Claim 16-24 (Cancelled)

Claim 25 (Previously Presented): The molding composition of claim 1, further comprising an anhydride hardener.

Claim 26 (Previously Presented): The molding composition of claim 25, wherein the amount of the anhydride hardener ranges from about 1.5 weight % to about 10 weight % based on the total weight of the molding composition.

Claim 27 (Currently Amended): A flame-retardant molding composition substantially free of elemental halogen, phosphorous and antimony, comprising:

about 4 weight % to about 12 weight %, based on the total weight of the composition of an epoxy resin;

about 0.1 weight % to about 3.5 weight %, based on the total weight of the composition of melamine cyanurate;

about 0.1 weight % to about 2 weight %, based on the total weight of the composition of tungsten trioxide;

about 0.001 weight % to about 10 weight %, based on the total weight of the composition of an anhydride hardener; and

about 10 weight % to about 85 weight %, based on the total weight of the composition of a filler material.